



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER**

*I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 29, 2004.*

  
Signature

Applicant : Michiaki Hayashi, et al.  
Application No. : 10/727,971  
Filed : December 3, 2003  
Title : OPTICAL SIGNAL PROCESSOR AND METHOD THEREOF

Grp./Div. : To Be Assigned  
Examiner : To Be Assigned

Docket No. : 51443/RRT/T360

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PostOffice Box 7068  
Pasadena, CA 91109-7068  
January 29, 2004

Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	13	*20	0	- x \$9.00	0 x \$18.00	0
Independent Claims	3	** 3	0	- x \$43.00	0 x \$86.00	0
Multiple Dependent Claims ***				\$145.00	\$290.00	0
TOTAL FILING FEE						0
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					0
LIST INDEPENDENT CLAIMS: 1, 3, 9						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"						

Attached is our check for \$ to pay the fees calculated above.

A Petition for Extension of Time and the required fee are enclosed.

X

Other enclosures: Substitute Specification; Compare Specification Showing Changes

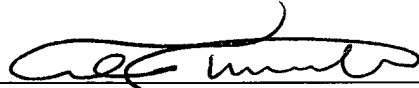
**Amendment Transmittal Letter**  
**Application No. 10/727,971**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



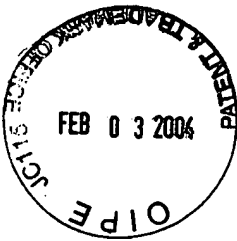
Raymond R. Tabandeh

Reg. No. 43,945

626/795-9900

RRT/dlf

DLF PAS547948.1-\* -01/29/04 11:32 AM



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Signature

Appl No. : 10/727,971 Confirmation No. N/A  
Applicant : Michiaki Hayashi, et al.  
Filed : December 3, 2003  
Title : OPTICAL SIGNAL PROCESSOR AND METHOD THEREOF  
TC/A.U. : To Be Assigned  
Examiner : To Be Assigned  
Docket No. : 51443/RRT/T360  
Customer No. : 23363

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
January 29, 2004

Commissioner:

Prior to examination, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Abstract** begin on page 3 of this paper and include an attached replacement Abstract.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 9 of this paper and include an attached replacement sheet.

**Remarks/Arguments** begin on page 10 of this paper.